

9                    18                    27                    36                    45                    54

5' NNC TCC CGC AGC CGC AGC CGC CGT GCT CAG CGC GAG CCC CGG AGC CCT TGA GCG

63                    72                    81                    90                    99                    108

CGA GGC GCG GAG CCC CGG AGC CCC CAA ACC GCA GAC ACA TCC CCG CGC CCC AGA

117                    126                    135                    144                    153                    162

GCC CCG GCC TGC CGG CCC AGC CGG GCC CGC GCG ATG CCC TCA GAC CGG CCT TTC

M P S D R P F

171                    180                    189                    198                    207                    216

AAG CAG CGG CGG AGC TTC GCC GAC CGC TGT AAG GAG GTA CAG CAG ATC CGC GAC

K Q R R S F A D R C K E V Q Q I R D

225                    234                    243                    252                    261                    270

CAG CAC CCC AGC AAA ATC CCG GTG ATC ATC GAG CGC TAC AAG GGT GAG AAG CAG

Q H P S K I P V I I E R Y K G E K Q

279                    288                    297                    306                    315                    324

CTG CCC GTC CTG GAC AAG ACC AAG TTT TTG GTC CCG GAC CAT GTC AAC ATG AGC

L P V L D K T K F L V P D H V N M S

333                    342                    351                    360                    369                    378

GAG TTG GTC AAG ATC ATC CCG CGC CGC CTG CAG CTG AAC CCC ACG CAG GCC TTC

E L V K I I R R R L Q L N P T Q A F

387                    396                    405                    414                    423                    432

TTC CTG CTG GTG AAC CAG CAC AGC ATG GTG AGT GTG TCC ACG CCC ATC GCG GAC

F L L V N Q H S M V S V S T P I A D

441                    450                    459                    468                    477                    486

ATC TAC GAG CAG GAG AAA GAC GAG GAC GGC TTC CTC TAT ATG GTC TAC GCC TCC

I Y E Q E K D E D G F L Y M V Y A S

495                    504                    513                    522                    531                    540

CAG GAA ACC TTC GGC TTC TGA GCC AGC AGT AGG GGG GCT CGG CCT GGG AGT CGG

Q E T F G F

549                    558                    567                    576                    585                    594

GGG GCC CCG GTC AGG CCC TGC CCA GAG AGC TTC TGG TTC CTG AAC TGA GCT GCC

603                    612                    621                    630                    639

TCT ACC GTG GTG GGC TGG GCA GGC ATG TGC CCC CCT AGT CAG AGG GCA 3'

FIGURE 1

1	M P S D R P F K Q R R S F A D R C K E V Q Q I R D Q H P S K I P V I I E R Y K G	1441378
1	M P S E K T F K O R R S F E Q R V E D V R L I R E Q H E T K I P V I I E R Y K G	GI 455109
41	E K Q L P V I L D K T K F L V P D H V N M S E L V K I I R R L Q L N P T Q A F F	1441378
41	E K Q L P V I L D K T K F L V P D H V N M S E L T K I I R R L Q L N A N Q A F F	GI 455109
81	L L V N Q H S M V S V V S T P I A D I Y E Q E K D E D G F F L Y M V Y A S Q E T F G	1441378
81	L L V N G H S M V S V V S T P I S E V Y E S E R D E D G F F L Y M V Y A S Q E T F G	GI 455109
121	- - - - -	
121	T A L A V T Y M S A L K A T A T G R E P C L	1441378
	- - - - - F	GI 455109

FIGURE 2

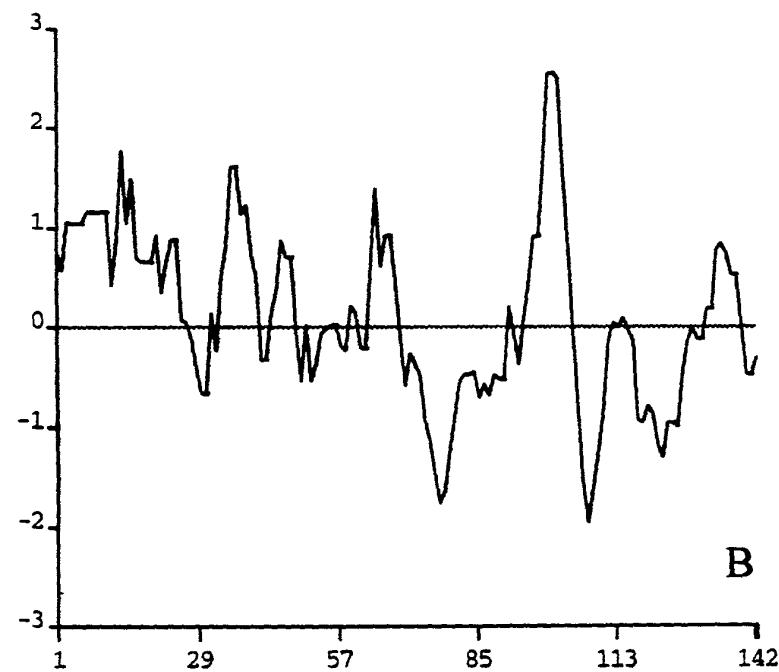
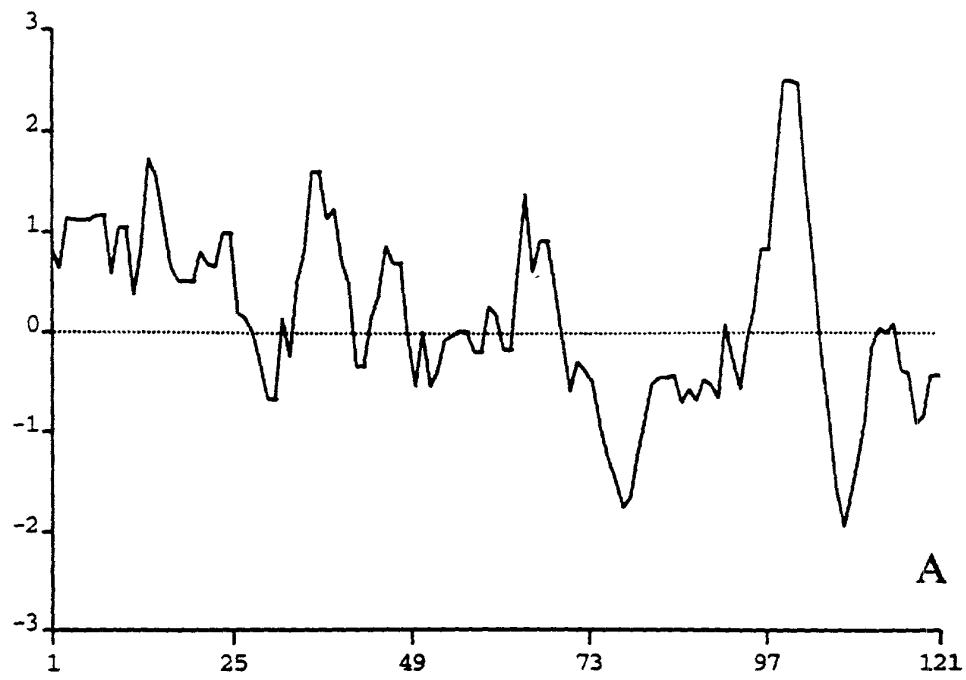


FIGURE 3